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Application : <u>09/882,430</u>	Examiner : <u>Nguyen</u>	GAU : <u>2665</u>
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<b>[RUSH] MESSAGE:</b>	<u>Please remove CPA information from</u> <u>specification per CFR 1.78(a)(2).</u>
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REV 10/04

# METHOD AND SYSTEM FOR CHANGING FORWARD TRAFFIC CHANNEL POWER ALLOCATION DURING SOFT HANDOFF

## BACKGROUND OF THE INVENTION

This application is a continuation of U.S. Patent Application Serial No. 08/925,518, ~~filed December 27, 2000~~, entitled Method and Apparatus for Changing Forward Traffic Channel Power Allocation, ~~which is a Continued Prosecution Application of U.S. Patent Application Serial No. 08/925,518, filed September 8, 1997~~ <sup>now Patent number 6,307,849.</sup> of the same title, both assigned to the assignee of the present invention.

## 10 I. Field of the Invention

The present invention relates to cellular communications systems and more particularly to methods and an apparatus for changing forward traffic channel power allocation in a code division multiple access (CDMA) cellular communications system.

## II. Discussion of the Background

In a CDMA cellular telecommunications system, a common frequency band is typically used for communicating from a mobile to a set of base stations, and another common frequency band is typically used to communicate to the mobile from the set of base stations. In other instances, a common set of frequency bands may be used to conduct communications. A primary benefit of transmitting multiple communications over a common frequency band is an increase in the capacity of the cellular telephone system. The IS-95 standard, promulgated by the Telecommunications Industry Association (TIA), is an example of a highly efficient CDMA over-the-air interface that can be used for implementing a cellular telephone system.

30 The set of communications conducted over the same bandwidth in a CDMA cellular telecommunications systems are separated and distinguished from one another by modulating and demodulating the data transmitted using pseudo-random noise (PN) codes known to both the receive and transmit systems. The other communications appear as background noise during the